

**Appl. No. 10/721,806  
Amdt. dated August 22, 2005  
Reply to final Office action of June 10, 2005**

**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Fig. 5. This sheet, which includes Figs. 5 and 6, replaces the original sheet including Figs. 5 and 6. In Figure 5, previously identified element 60 has been changed to element 59. Midplane board 46 has been added to Figure 5.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

**REMARKS/ARGUMENTS**

Applicants have received the final Office action dated June 10, 2005, in which the Examiner: 1) rejected claims 1-19 under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the written description requirement; 2) rejected claims 1-6, 9-15, 18, 20, 21 and 23-28 under 35 U.S.C. 102(e) as being anticipated by Creason et al. (U.S. Pat. No. 6,594,150); 3) rejected claims 16, 17, 22 and 29 under 35 U.S.C. § 103(a) as being unpatentable over Creason; and 4) objected to claim 30 as being dependent upon a rejected base claim, but would otherwise be allowable. The Examiner also indicated allowable features of claims 7, 8 and 19.

With this Response, Applicants have amended claims 1, 10, 14, 20, and 25 and canceled claim 6. Withdrawal of the rejections under 35 USC 112 is requested. Figure 4 has also been amended to correct the error in item numbering and show the midplane board. Paragraph [0021] has also been amended to correct the error in item numbering.

Creason describes a computer system having a chassis that houses one or more individual computer systems. The individual systems are mounted in drawers or subchassis that include bays for housing interface cards, disk drives, fans, power supplies, and system controller boards. Each of the individual computer systems has a midplane located at the rear of the drawer. All of the components within the drawer are mounted to a single side of the midplane. The opposite side of the midplane provides connections for transition cards, which provide cable connections to the rear of the system, or power filters that mate with power supply inputs.

With respect to claim 1, Creason does not show a motherboard mounted to a second drawer so as to couple to a second electrical component when the second electrical component is located in the second drawer. Creason also does not show a connector coupled to the motherboard so as to engage a second side of an interface board.

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With respect to claim 10, Creason does not show a motherboard affixed to a second drawer and coupled to a second electronic component. Creason also does not show a connector that is mounted to the second drawer and coupled to the motherboard so that the connector is coupled to a second side of a midplane board.

With respect to claim 20, Creason does not show a means for coupling a motherboard to the other side of the interface board or a means for coupling a second electrical component to the motherboard.

With respect to claim 25, Creason does not show mounting a motherboard to a second drawer, wherein the motherboard is coupled to a connector or mounting a second electrical component to the second drawer such that the second electrical component is coupled to the motherboard.

Because Creason does not teach all of the limitations found in amended claims, Creason does not anticipate or render obvious claims 1, 10, 20, or 25. Each of the remaining claims depend from one of claims 1, 10, 20, or 25 and are thus also not anticipated by Creason.

In the course of the foregoing discussions, Applicants may have at times referred to claim limitations in shorthand fashion, or may have focused on a particular claim element. This discussion should not be interpreted to mean that the other limitations can be ignored or dismissed. The claims must be viewed as a whole, and each limitation of the claims must be considered when determining the patentability of the claims. Moreover, it should be understood that there may be other distinctions between the claims and the cited art which have yet to be raised, but which may be raised in the future.

Applicants respectfully request reconsideration and that a timely Notice of Allowance be issued in this case. It is believed that no extensions of time or fees are required, beyond those that may otherwise be provided for in documents

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accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required (including fees for net addition of claims) are hereby authorized to be charged to Hewlett-Packard Development Company's Deposit Account No. 08-2025.

Respectfully submitted,



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Appl. No. 10/721,806  
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Annotated Sheet Showing Changes

4/4

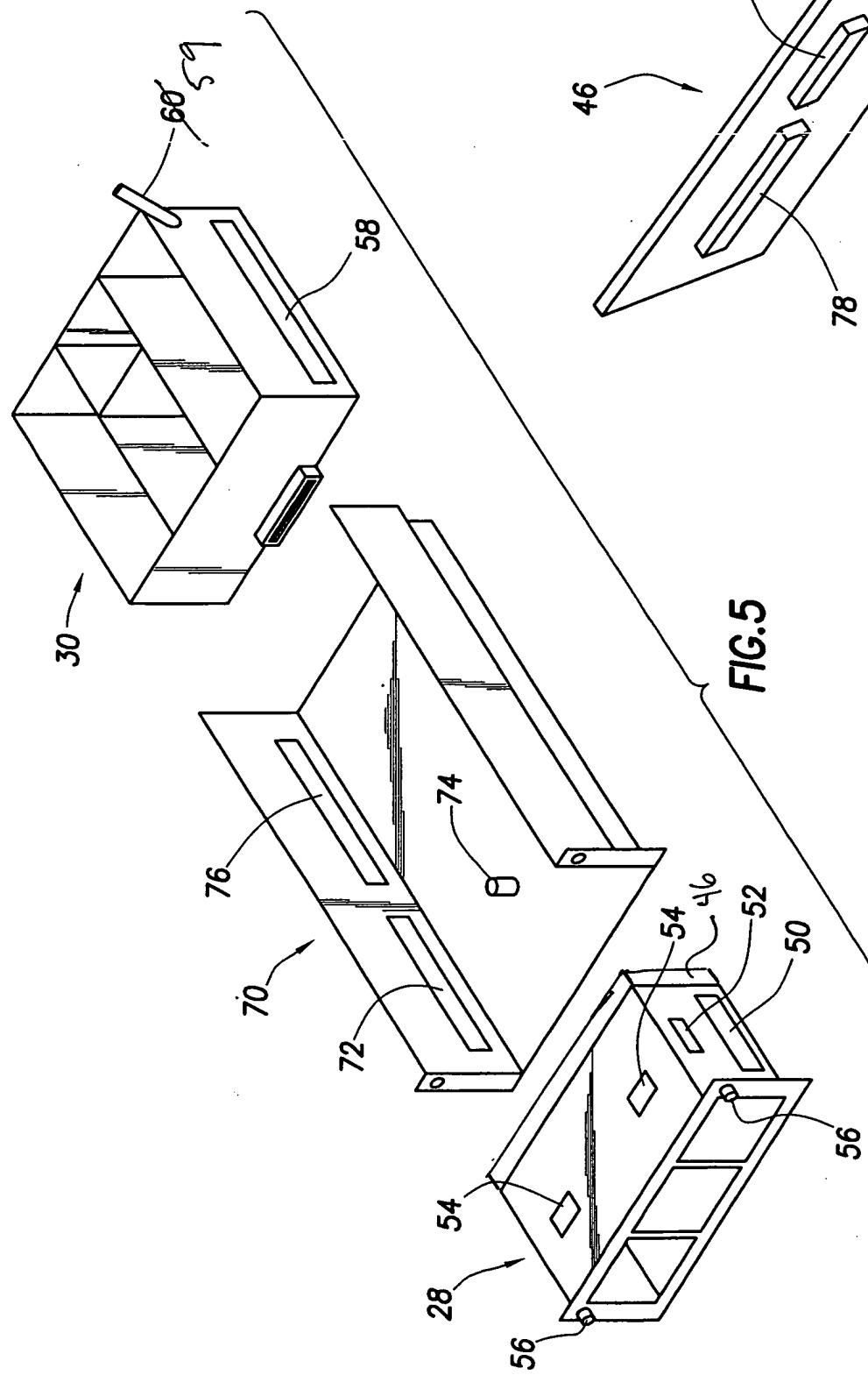


FIG.5

FIG.6